

## PDK summary

**PDK ID:** tsmc-crn90g7  
**PDK version:** 1.1.0.R  
**PDK release date:** 07/14/09  
**Fab/Foundry name:** TSMC  
**Technology name:** TSMC 90 NM CMOS MIXED SIGNAL RF GENERAL PURPOSE PDK (CRN90G)

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### **This release supports the following process options:**

#### ***Front-end***

CRN90G MS 1.0V/1.8V/3.3V

CRN90G MS 1.0V/2.5V

CRN90G RF 1.0V/2.5V

#### ***Back-end***

1p7m (top metal is thick metal, top-1 metal is thick metal)

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### **Certified Simucad EDA tool versions for this PDK version:**

Gateway: 2.8.25.R  
SmartSpice: 3.11.57.C  
SmartSpiceRF: 1.5.10.C  
SmartView: 2.22.8.R  
Expert: 4.4.22.R  
Guardian LVS: 4.4.22.R  
HIPEX: 3.2.16.R